Tentative First Draft of Table of Contents

1) Intro, purpose, and explanation of chapter layout
2) Osc theory summary
3) Why these measurements are important
4) Current knowledge of neutrino properties and description of where we may be in 10 years time
   a) Summary of current parameter knowledge
   b) Describe experiments that have yet to release results, but will have in 10 years time.
   c) Scenarios for where we may be in 10 years time
      i. Theta13 clearly non-zero
      ii. Theta13 consistent with zero or small hint of theta13
      iii. Mass heirarchy measured
      iv. LSND oscillation confirmed by MiniBooNE
      v. Some new physics signal

Do we know how to decide which experiment(s) to do?

5) Theta13 clearly non-zero
   a) Nova II
   b) Other off-axis
   c) FeHo
   d) Broadband scheme
   e) FNAL to China
   f) ...
6) Theta13 consistent with zero or small hint of theta13
   a) Betabeam
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7) Other Possibilities
   a) Mass heirarchy measured
      i. ....
   b) LSND oscillation confirmed by MiniBooNE
      i. Decay at rest source
      ii. NUMI numu to nutau & numu disappearance
      iii. ....
   c) Some new physics signal
      i. ....
8) Summary

Tentative Workshop Schedule for Neutrino Oscillations Working Group

Wed 6 Oct

16:20-17:30 Purpose and Setting the Scene

'Intro and Purpose of WG' Conevners 10 mins

'Oscillations as probes of GUT theory' 20 mins

Discussion 40 mins

Thu 7 Oct

10:30-12:30 Superbeam Experiments I

'Nova and other off axis with PD' Gary Feldman 25 mins

'FeHo' Doug Michael 25 mins

Discussion 70 mins

14:00-15:30 Cross-Section Needs (joint with WG2)

15:50-17:30 Superbeam Experiments II

'Fermilab to China' 25 mins

'Broadband Scheme' Gina Rameika 25 mins

Discussion 50 mins

Fri 8 Oct

10:30-12:30

'Betabeam using the Tevatron' Andreas Jansson 20 mins

14:00-15:30 What If MiniBooNE Confirms LSND Oscillations?

'Muon Decay at Rest' Richard Van de Water (LANL) 25 mins

'NUMI numu to nutau' Andrew Bazarko (Princeton) 25 mins

Discussion 40 mins

15:50-17:30 LBL Detectors